

SaMS Goals and Objectives

Approved by the Stakeholder Advisory Committee

FINAL – June 13, 2018

Goals

The aim of this effort is to develop a salt management strategy for Northern Virginia, that:

1. Uses a stakeholder-driven process to proactively address salt loads in the region and address the Accotink Creek chloride (salt) TMDLs.
2. Generates increased public awareness that leads to positive behavior changes, and long-term support for the continual improvement of deicing/anti-icing practices and actions.
3. Ensures continued protection of public safety, improves water quality and terrestrial habitat, and lessens the effects of deicing/anti-icing salts on drinking water resources, property and road infrastructure through information sharing and implementation of best practices over time.

Objectives

1. Comprehensively describe the effects of deicing/anti-icing salt use and identify and summarize the costs and benefits of winter storm operations.
2. Collaboratively develop a suite of best practices to minimize the negative effects of deicing/anti-icing salts.
3. Develop a comprehensive education and outreach plan to increase awareness of the benefits and impacts of winter salt use for both the public and political leaders to promote positive behavioral changes.
4. Explore funding opportunities, operational cost savings, and broader incentives, such as certification requirements/tort reform, to support implementation.
5. Develop recommendations for a monitoring and research program to better understand water quality patterns and impacts related to salt application throughout Northern Virginia.
6. Develop options to assess effectiveness and methods to track and report salt usage.